

ABSTRACT OF THE DISCLOSURE

An object of the present invention is to provide a high frequency module which can efficiently radiate heat generated from a semiconductor chip. A high frequency module according to the present invention employs a substrate 11, a semiconductor chip 13 fixed on the substrate 11, a roof plate 15 being contact with an upper surface 13a of the semiconductor chip 13, and a cap, which is contact with an upper surface of the roof plate, having a flat portion 16a and extended portions 16b lead-
10 out below from opposite ends of the flat portion 16a. The extended portions 16b of the cap 16 are contact with side surfaces of the substrate 11. Thus, a wide area contact between the extended portions 16b of the cap 16 and the side surfaces of the substrate 11 can be ensured even if the height of the semiconductor chip 13 fluctuates or the shape of the cap 16
15 fluctuates. This results that heat generated from the semiconductor chip 13 is efficiently radiated to the substrate 11.